

ABSTRACT OF THE DISCLOSURE

An electro-mechanical actuator including a plurality of motors for driving an output shaft. The actuator may be incorporated into a window lift mechanism, such as a mechanism including a dual rack and pinion assembly. According to another aspect of the invention there is provided a variety of anti-back-drive mechanisms, e.g. clutches. A clutch according to one embodiment includes locking pawls that resist back-drive. In another embodiment, locking cams rotate relative to a carrier to resist back-drive. An actuator consistent with the invention may incorporate an impact mechanism including a flexible carrier. The carrier flexes to prevent impact forces at an output gear train from coupling to an input gear train.

09765899.01.1801